

ABSTRACT OF THE DISCLOSURE

5 A method of transferring data through a bus
includes the steps of: occupying the bus by a first
device serving as a bus master; transferring a first
predetermined number of data items of all data items to
be transferred while the first device is occupying the
bus; determining if the first predetermined number of
data items have been transferred; determining if the
10 first device should release the bus based on whether or
not there is a request from a second device after it is
determined that the first predetermined number of data
items have been transferred; and releasing the bus by the
first device when it is determined that the first device
15 should release the bus.

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